Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094113.D
Acq On : 1 Apr 2017 1:22
Operator : SJ/MA
Sample : I2463-08 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Q-P-12-13-BASE

Quant Time: Apr 01 02:16:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	190375	20.00	ng		0.00
21) Naphthalene-d8	7.40	136	732074	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	305977	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	464175	20.00	ng		0.00
75) Chrysene-d12	14.63	240	317307	20.00	ng		0.00
86) Perylene-d12	16.26	264	310507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.43	112	544680	48.32	ng		0.00
7) Phenol-d6	5.50	99	682089	48.92	ng		0.00
23) Nitrobenzene-d5	6.55	82	395153	30.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	86764	35.88	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	735138	36.65	ng		-0.01
78) Terphenyl-d14	13.34	244	384947	27.19	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.55	70	51136	5.71	ng	#	76
31) Naphthalene	7.43	128	145305	4.13	ng		99
37) 2-Methylnaphthalene	8.27	142	48294	2.06	ng		95
48) Acenaphthylene	9.37	152	127152	3.96	ng		98
49) Dimethylphthalate	9.22	163	48556	2.23	ng		98
50) 2,6-Dinitrotoluene	9.55	165	41977	8.42	ng	#	34
51) Acenaphthene	9.58	154	77019	4.11	ng		97
53) 2,4-Dinitrophenol	9.90	184	109	4.70	ng	#	4
54) Dibenzofuran	9.79	168	101271	3.97	ng		97
55) 4-Nitrophenol	9.79	139	38250	8.34	ng	#	28
57) Fluorene	10.22	166	89751	4.24	ng		99
70) Phenanthrene	11.40	178	1286934	49.84	ng		99
71) Anthracene	11.46	178	293855	11.05	ng		97
72) Carbazole	11.66	167	158415	5.81	ng		98
74) Fluoranthene	12.87	202	1624434	61.44	ng		99
77) Pyrene	13.14	202	1414267	61.41	ng		99
80) Benzo(a)anthracene	14.62	228	736222	39.79	ng		98
82) Chrysene	14.66	228	726433	42.31	ng		97
85) Indeno(1,2,3-cd)pyrene	17.61	276	372949	25.08	ng		94
87) Benzo(b)fluoranthene	15.86	252	1300549	68.33	ng		97
88) Benzo(k)fluoranthene	15.86	252	1300549	69.84	ng		97
89) Benzo(a)pyrene	16.20	252	633094	36.12	ng		99
90) Dibenzo(a,h)anthracene	17.62	278	101002	6.80	ng		94
91) Benzo(g,h,i)perylene	18.01	276	321924	21.52	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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E2-Q-P-12-13-BASE

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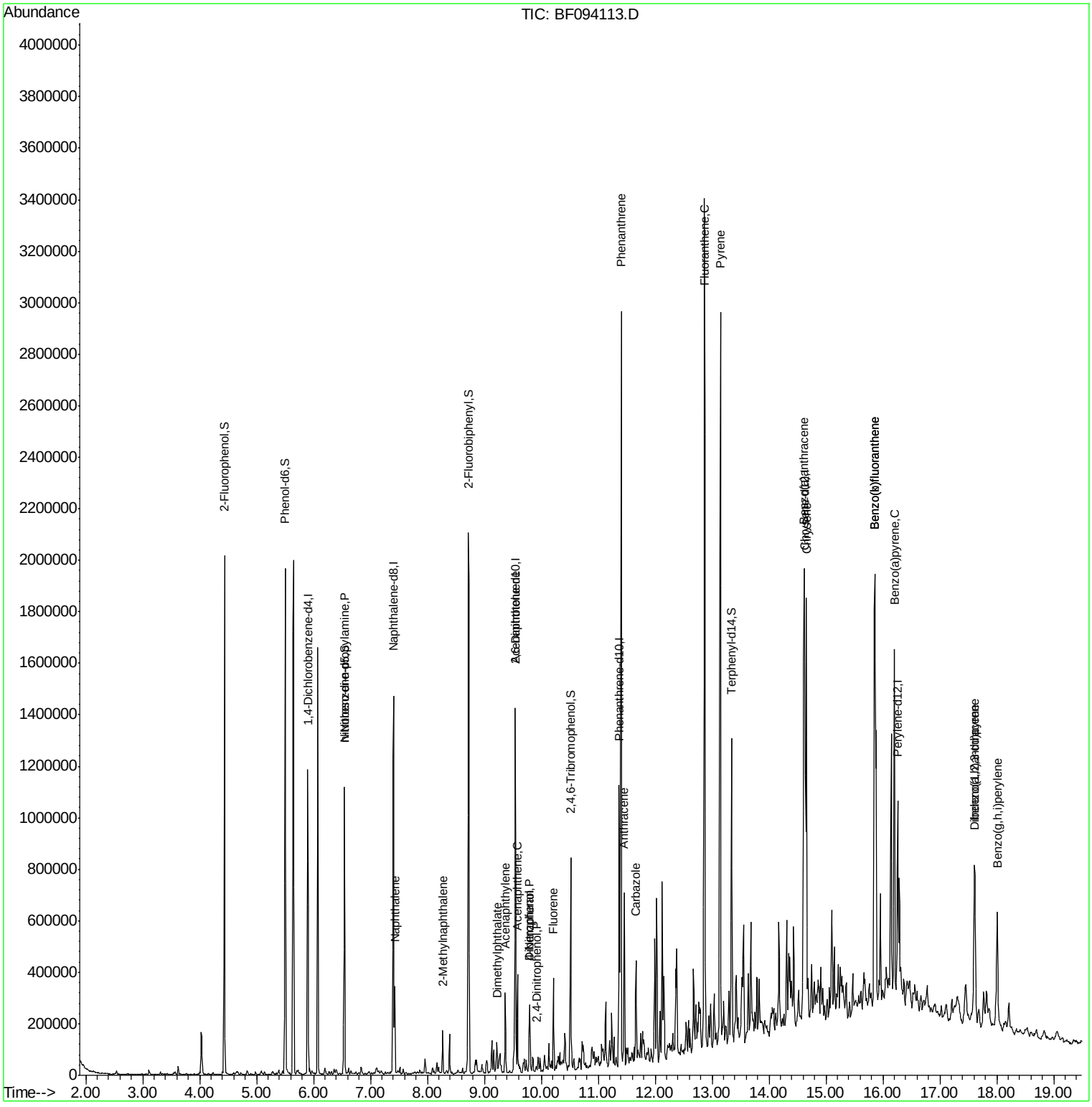
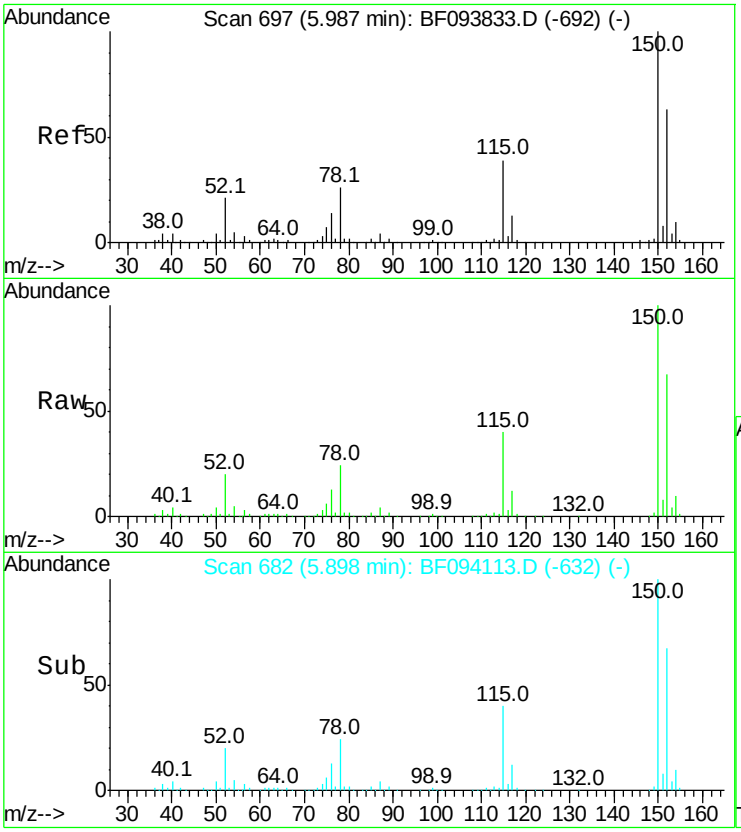


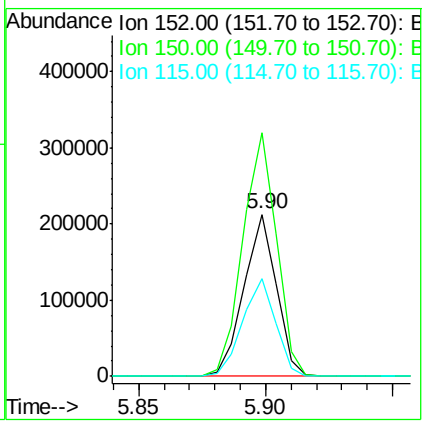


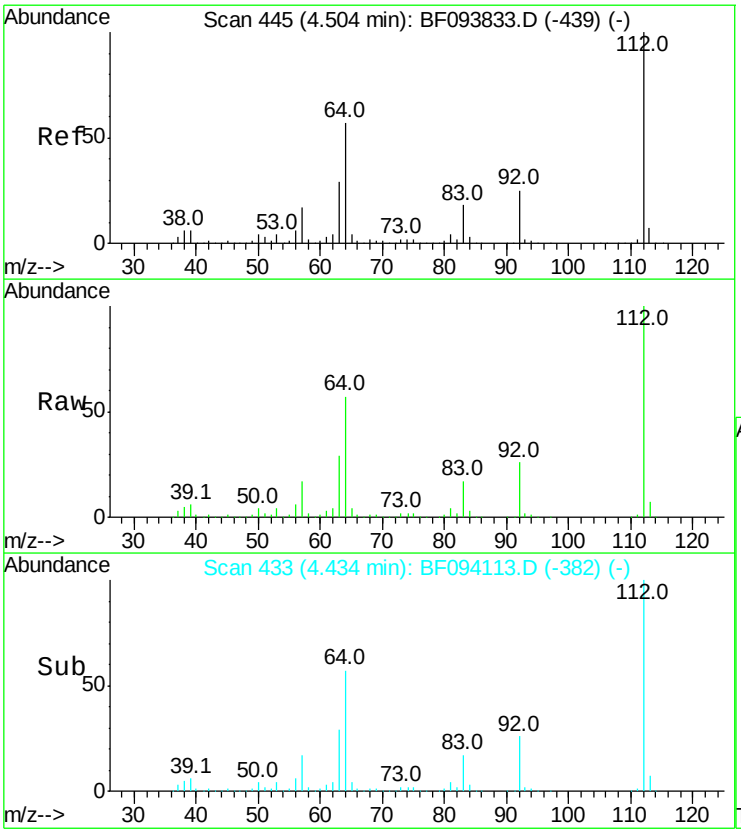
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:152 Resp: 190375

Ion	Ratio	Lower	Upper
152	100		
150	150.0	126.2	189.2
115	59.8	52.2	78.2

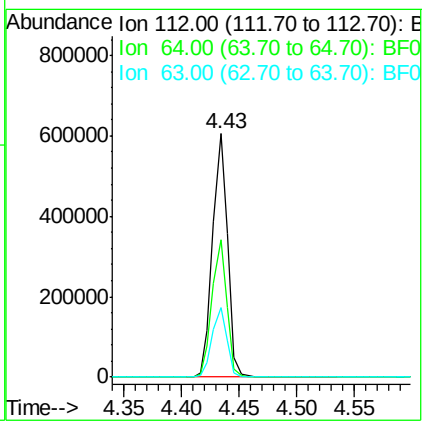


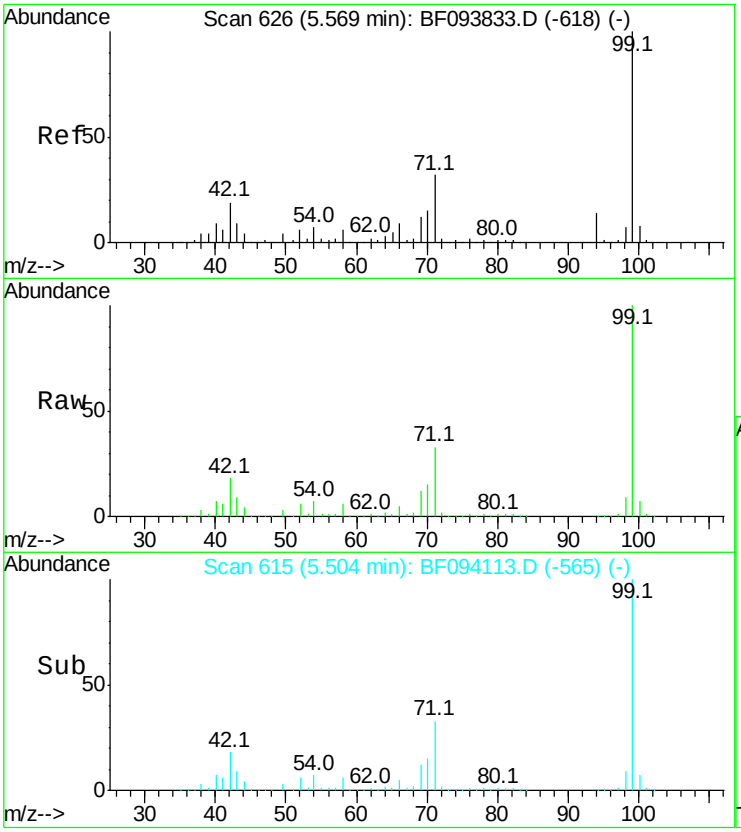


#5
2-Fluorophenol
Concen: 48.32 ng
RT: 4.43 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:112 Resp: 544680

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	28.5	23.4	35.0



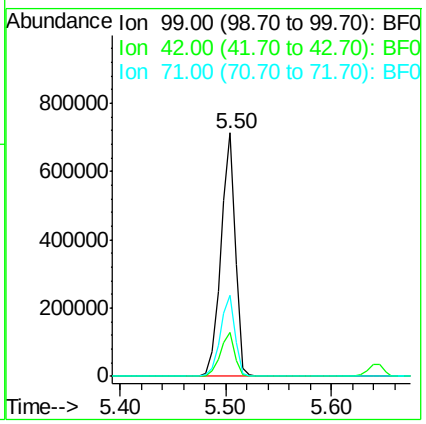


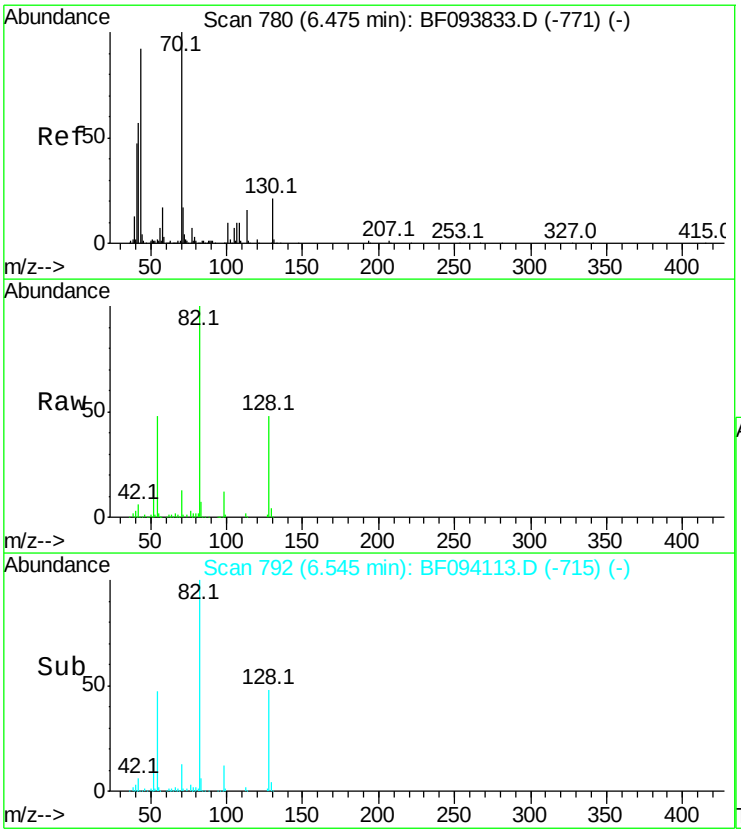
#7
Phenol-d6
Concen: 48.92 ng
RT: 5.50 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion: 99 Resp: 682089

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.3	24.5	36.7

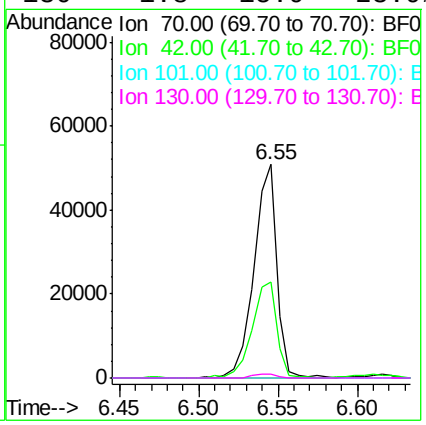


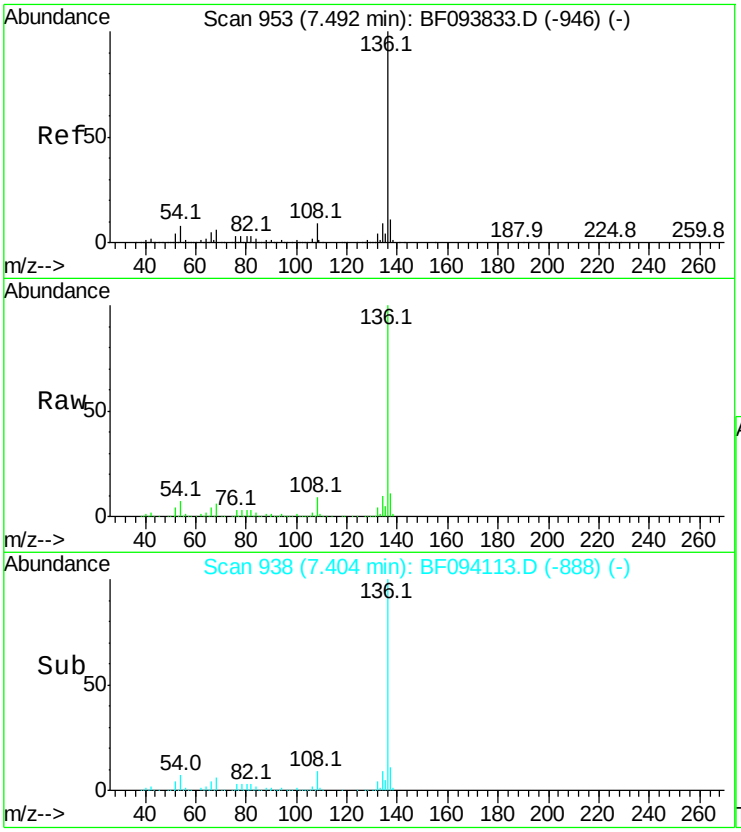


#19
n-Nitroso-di-n-propylamine
Concen: 5.71 ng
RT: 6.55 min Scan# 792
Delta R.T. 0.15 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion: 70 Resp: 51136

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



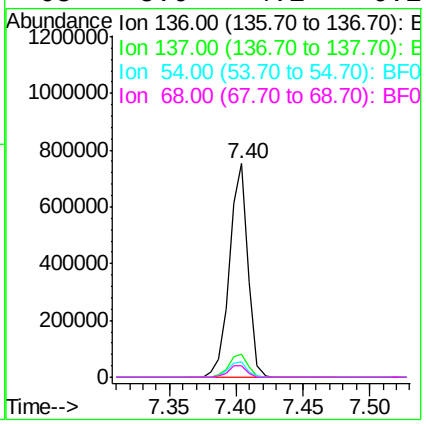


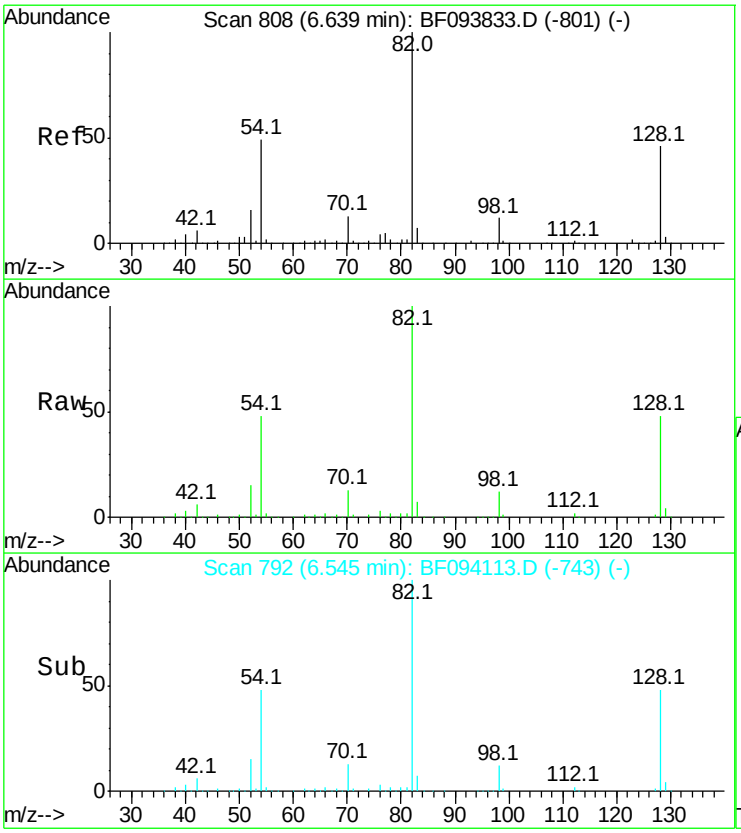
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:136 Resp: 732074

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.1	4.9	7.3
68	5.6	4.1	6.1

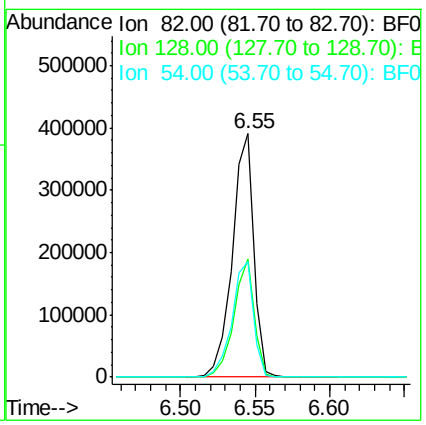


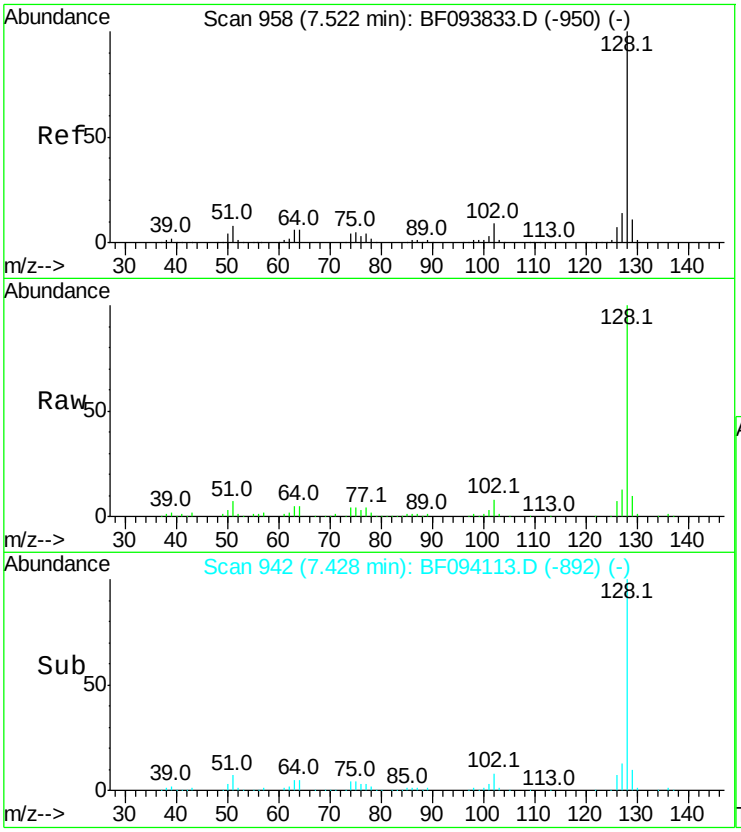


#23
Nitrobenzene-d5
Concen: 30.80 ng
RT: 6.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion: 82 Resp: 395153

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	47.6	42.2	63.2

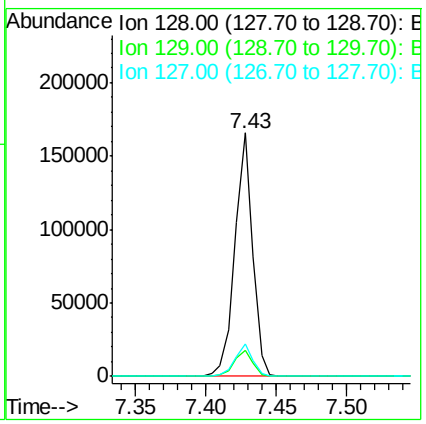




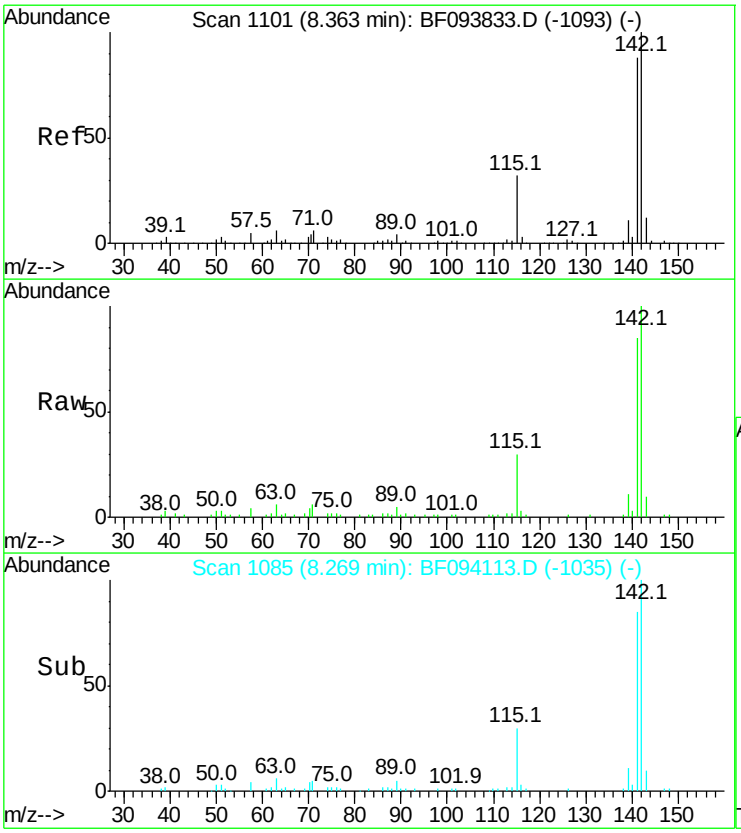
#31
Naphthalene
Concen: 4.13 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:128 Resp: 145305

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	13.2	10.8	16.2



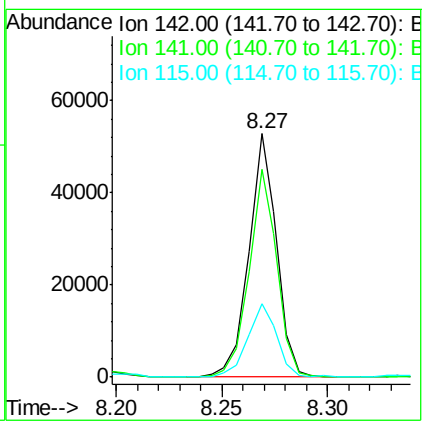
Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

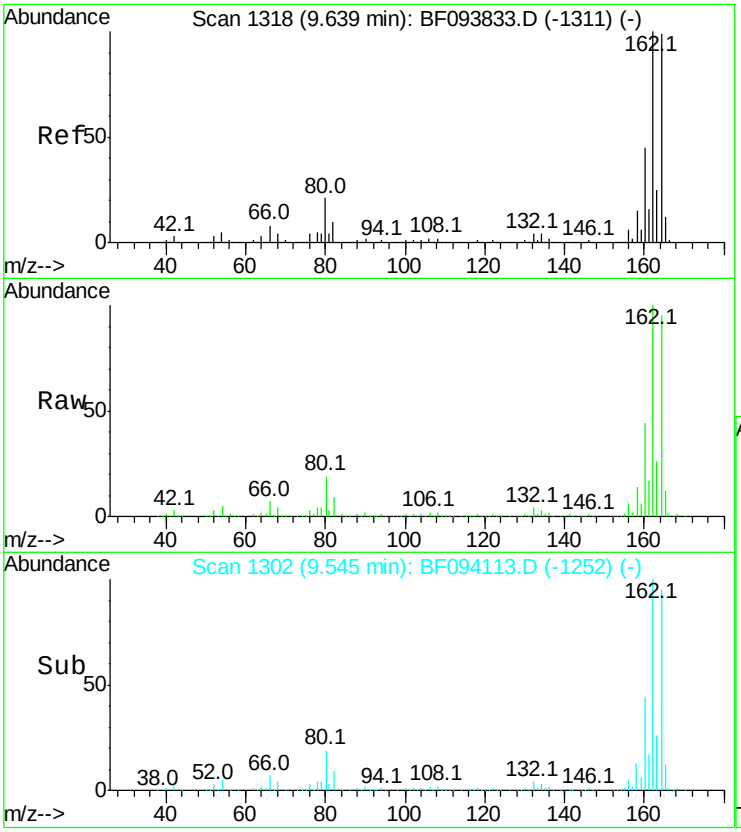


#37
2-Methylnaphthalene
Concen: 2.06 ng
RT: 8.27 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:142 Resp: 48294

Ion	Ratio	Lower	Upper
142	100		
141	85.3	71.3	106.9
115	30.1	27.1	40.7



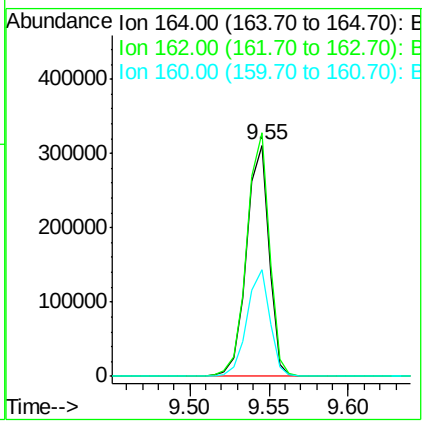


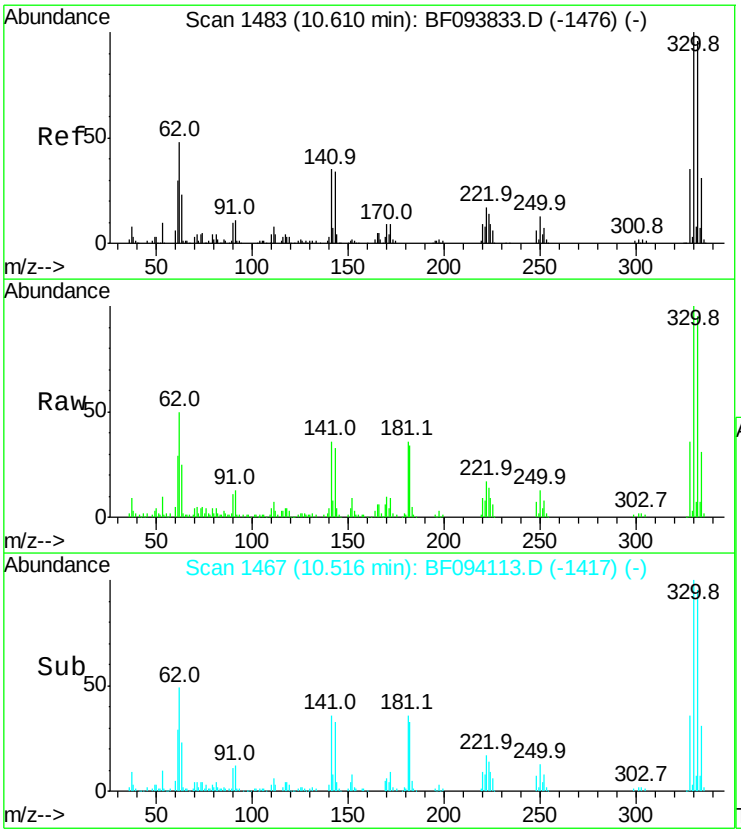
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:164 Resp: 305977

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	46.3	36.2	54.2

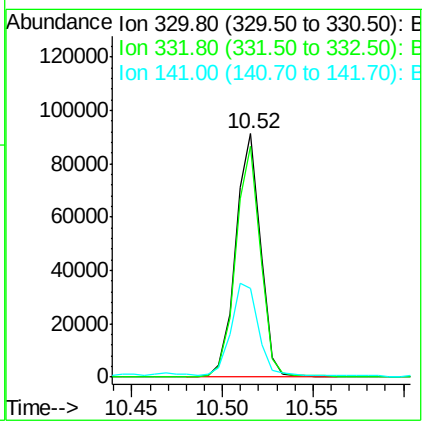


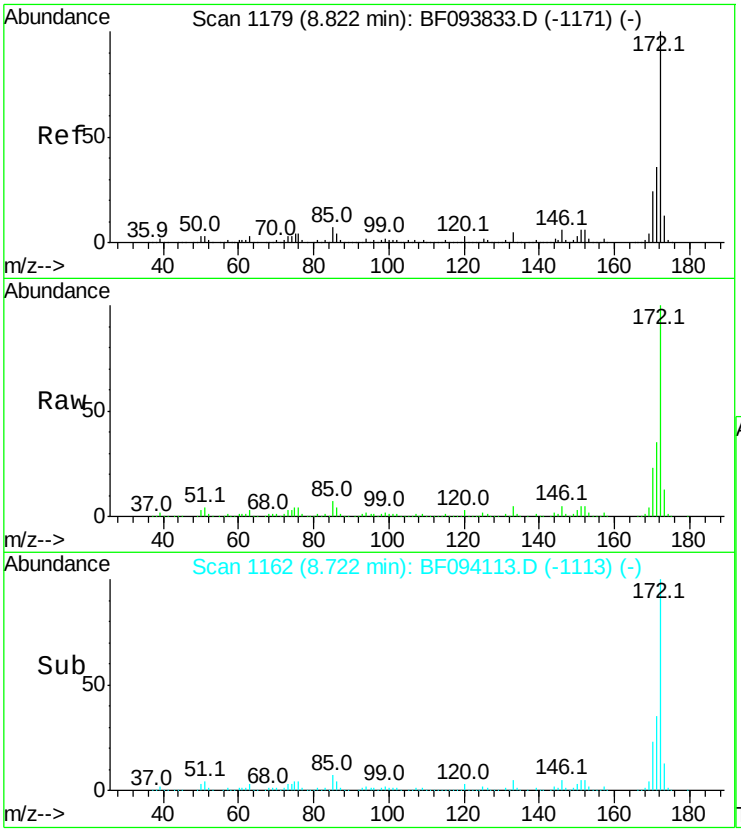


#41
2,4,6-Tribromophenol
Concen: 35.88 ng
RT: 10.52 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:330 Resp: 86764

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	41.4	31.4	47.2



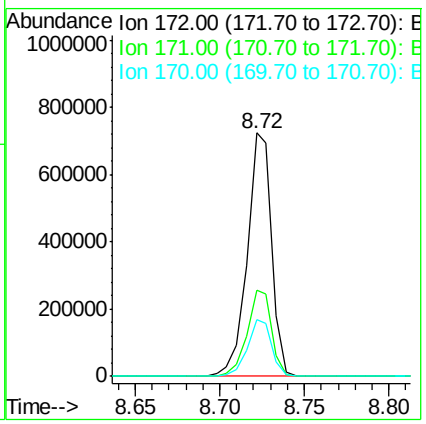


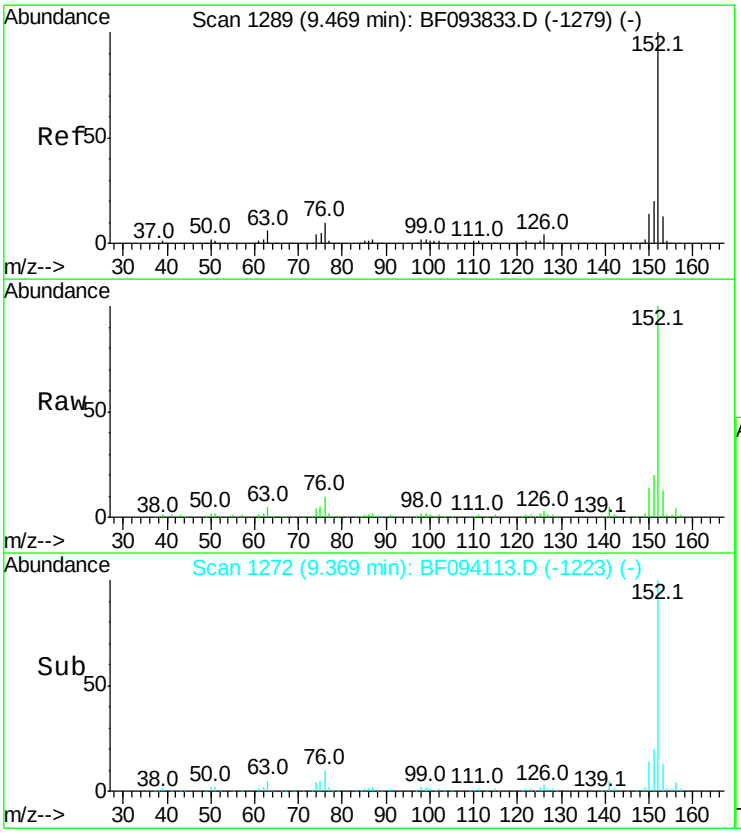
#44
2-Fluorobiphenyl
Concen: 36.65 ng
RT: 8.72 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:172 Resp: 735138

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.4	19.8	29.8

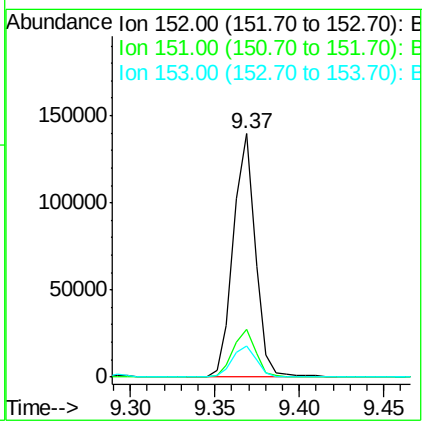


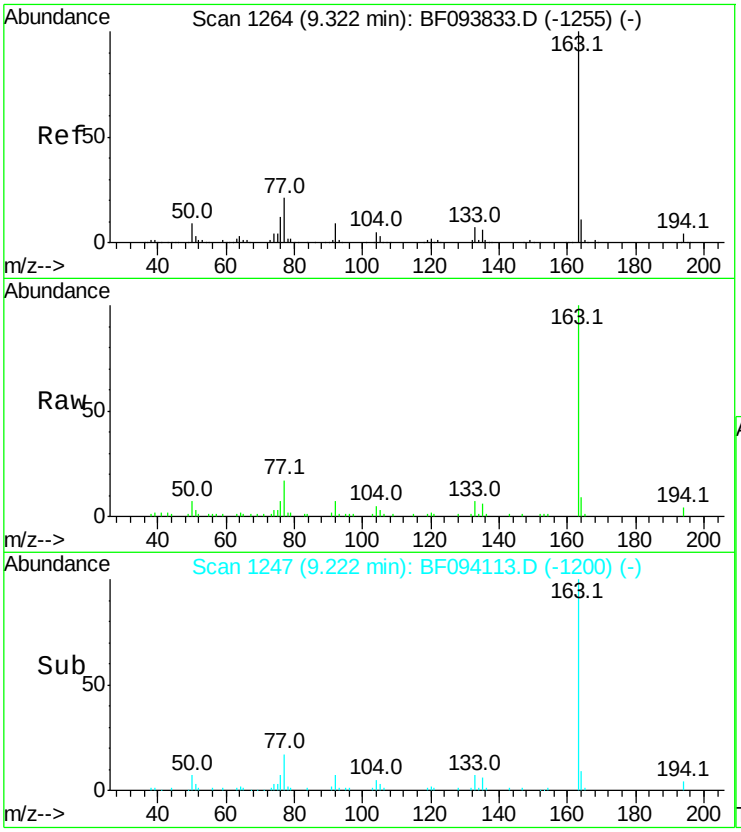


#48
Acenaphthylene
Concen: 3.96 ng
RT: 9.37 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:152 Resp: 127152

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	13.0	10.8	16.2



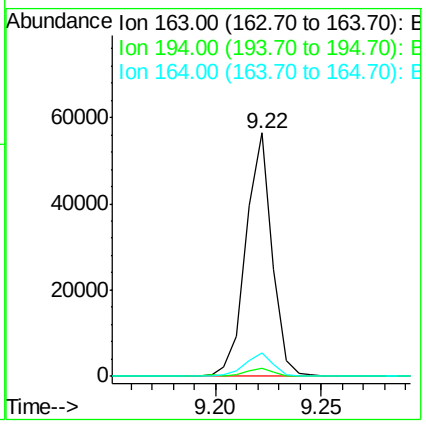


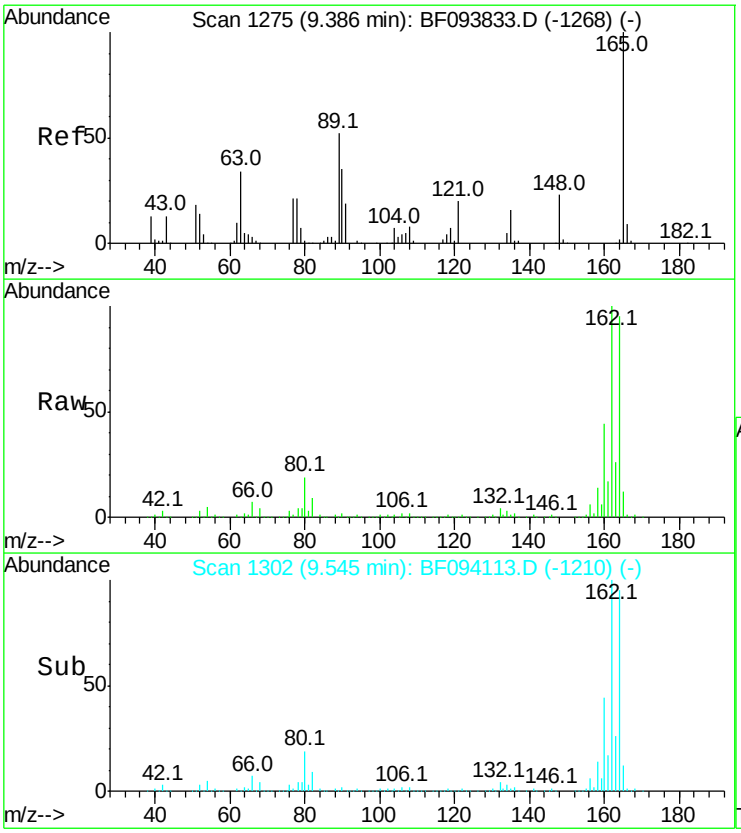
#49
Dimethylphthalate
Concen: 2.23 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:163 Resp: 48556

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.5	8.4	12.6

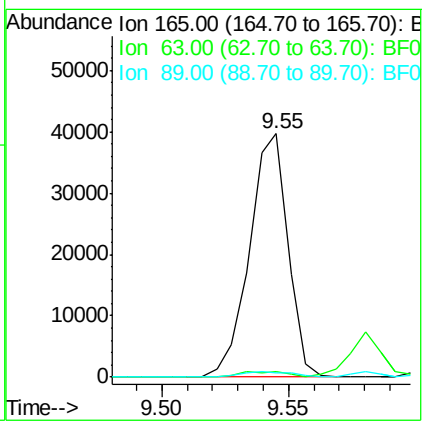


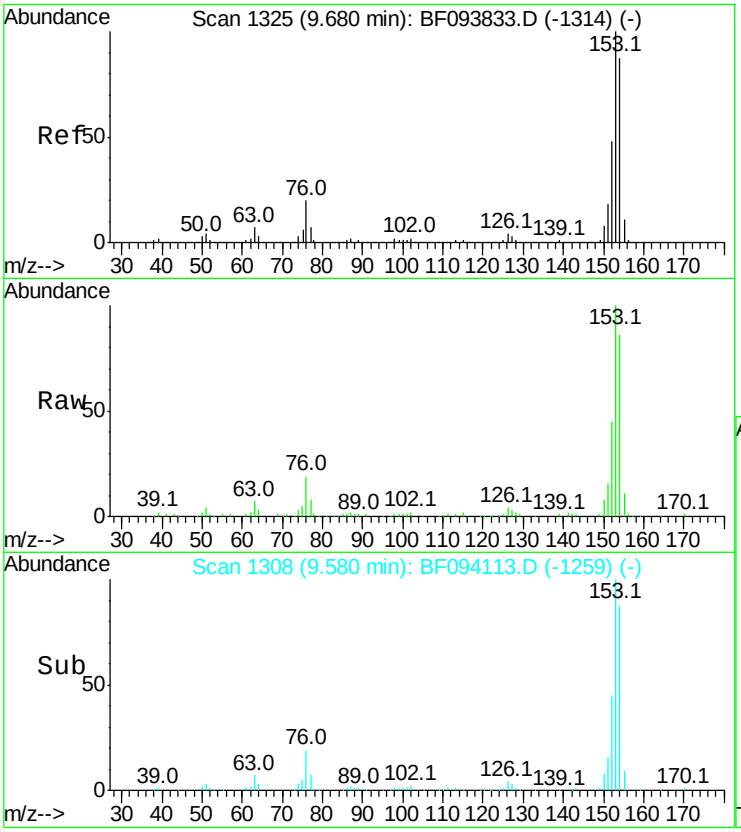


#50
2,6-Dinitrotoluene
Concen: 8.42 ng
RT: 9.55 min Scan# 1302
Delta R.T. 0.24 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:165 Resp: 41977

Ion	Ratio	Lower	Upper
165	100		
63	2.2	34.3	51.5#
89	1.6	37.1	55.7#



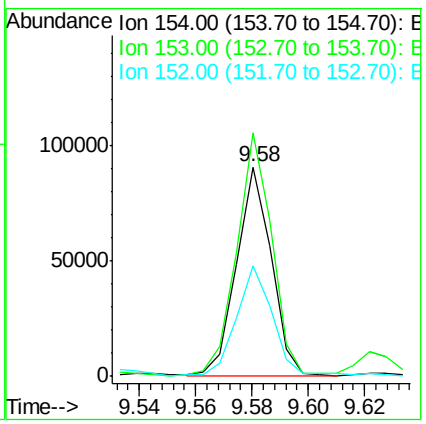


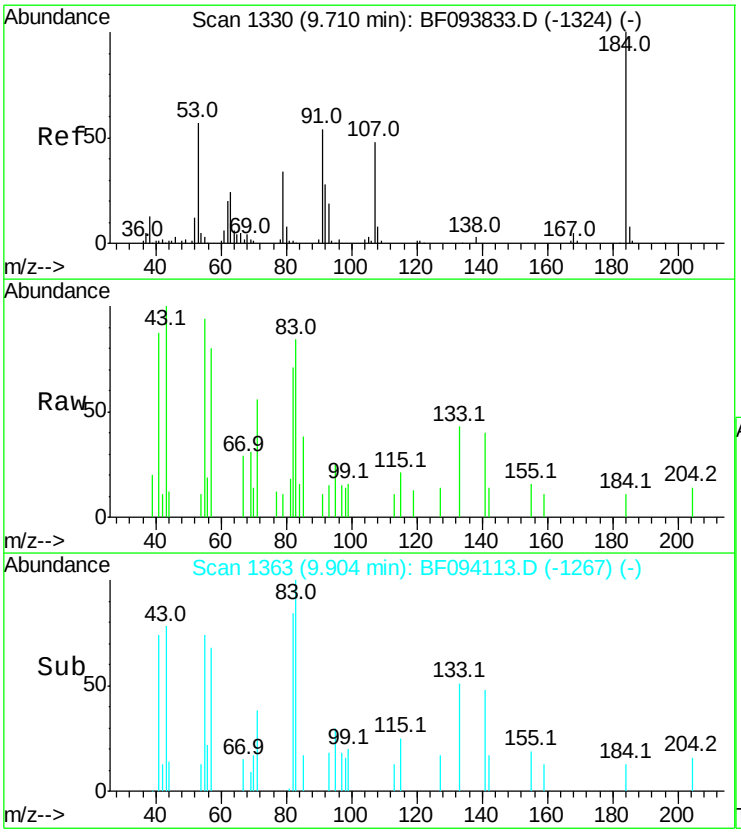
#51
Acenaphthene
Concen: 4.11 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:154 Resp: 77019

Ion	Ratio	Lower	Upper
154	100		
153	116.1	90.5	135.7
152	52.5	43.6	65.4

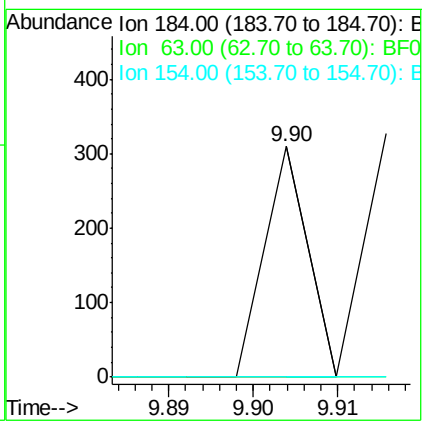


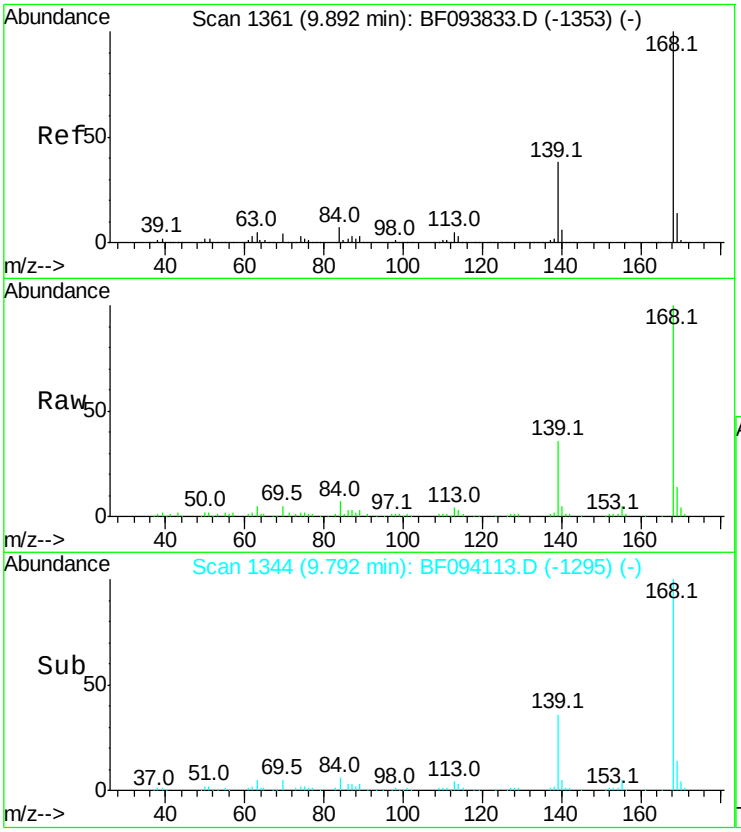


#53
2,4-Dinitrophenol
Concen: 4.70 ng
RT: 9.90 min Scan# 1363
Delta R.T. 0.26 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



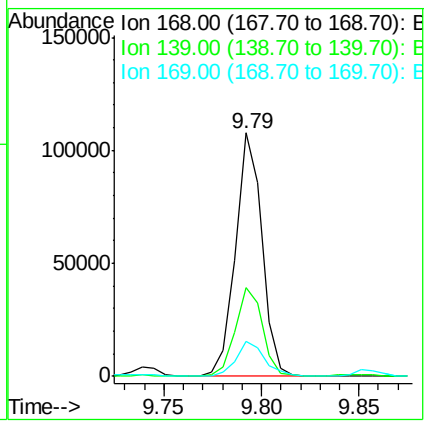


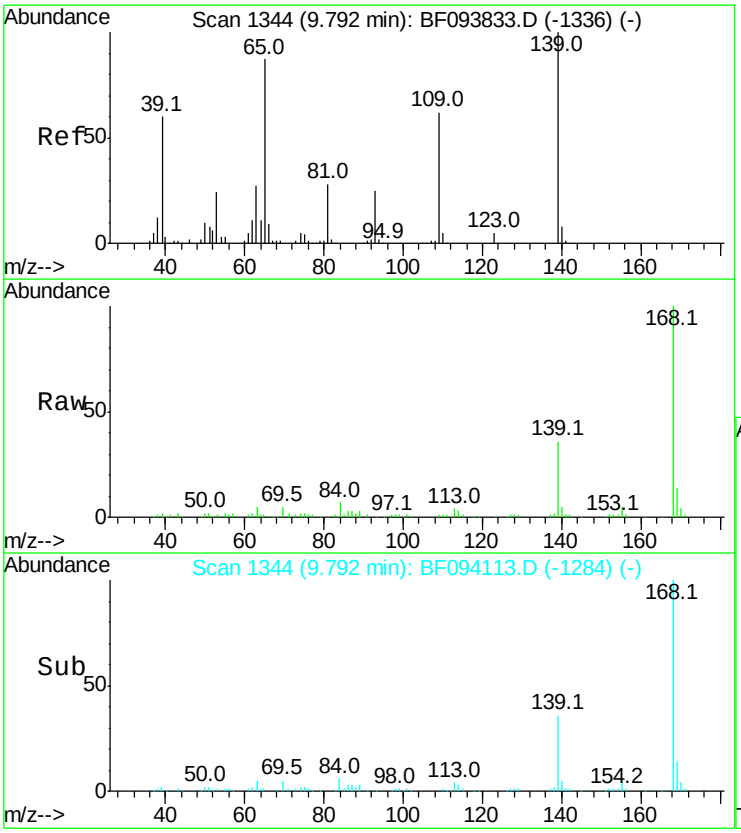
#54
Dibenzofuran
Concen: 3.97 ng
RT: 9.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:168 Resp: 101271

Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.6	45.8
169	14.4	10.8	16.2

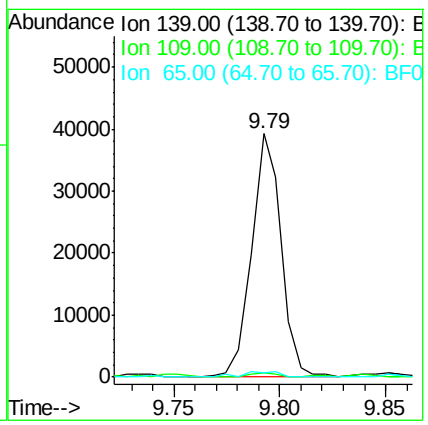


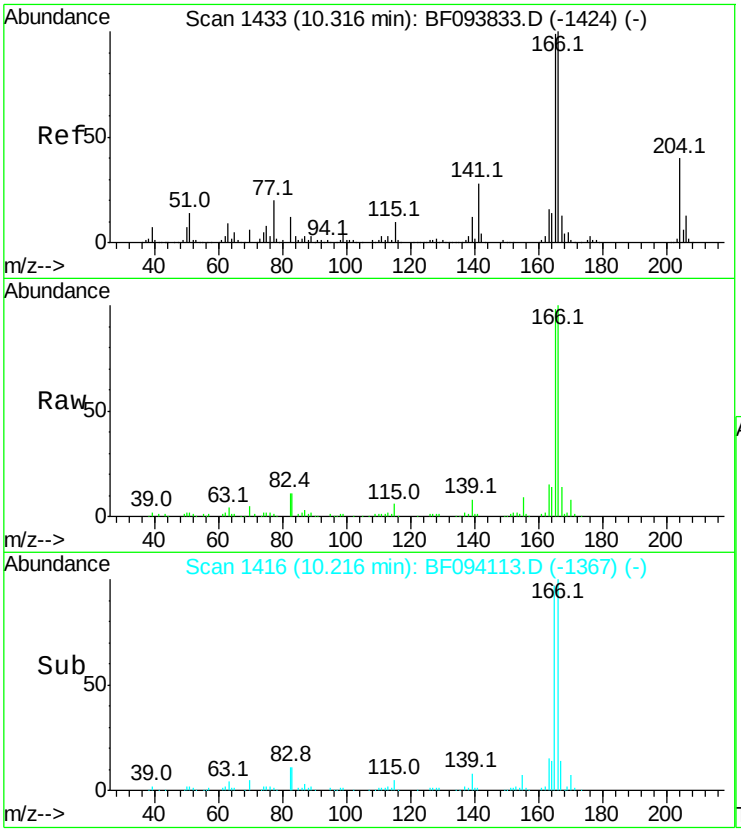


#55
4-Nitrophenol
Concen: 8.34 ng
RT: 9.79 min Scan# 1344
Delta R.T. 0.05 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:139 Resp: 38250

Ion	Ratio	Lower	Upper
139	100		
109	1.5	34.1	74.1#
65	1.6	31.4	71.4#



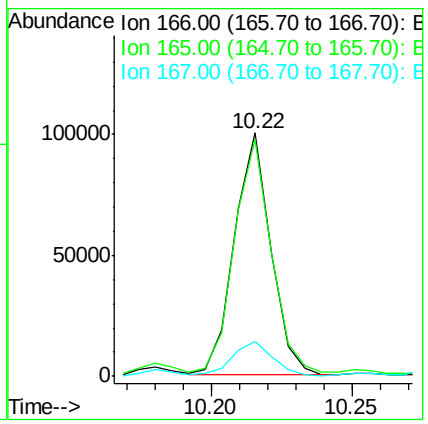


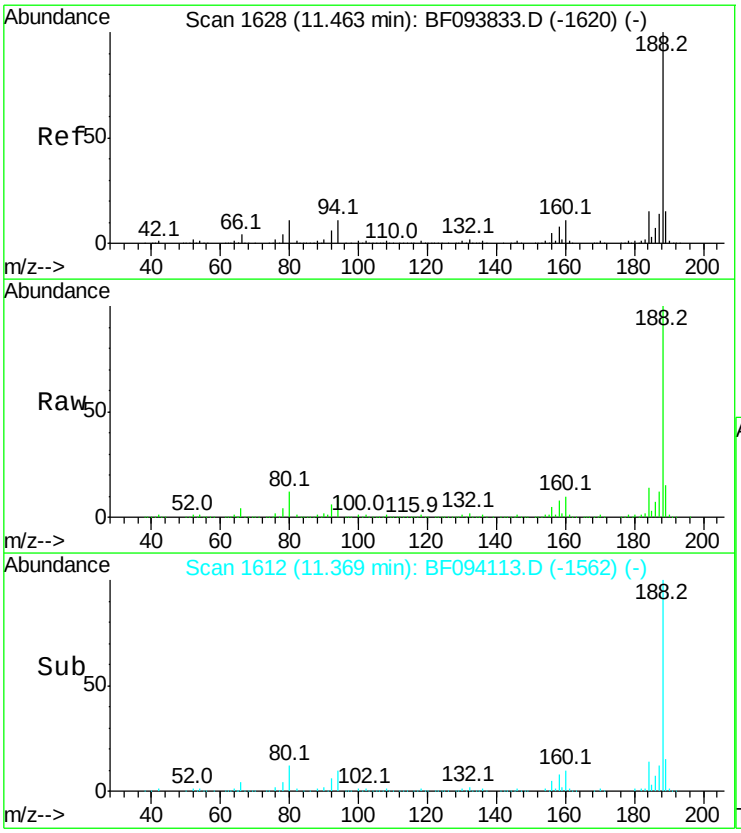
#57
Fluorene
Concen: 4.24 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:166 Resp: 89751

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.8	118.2
167	14.4	10.6	16.0

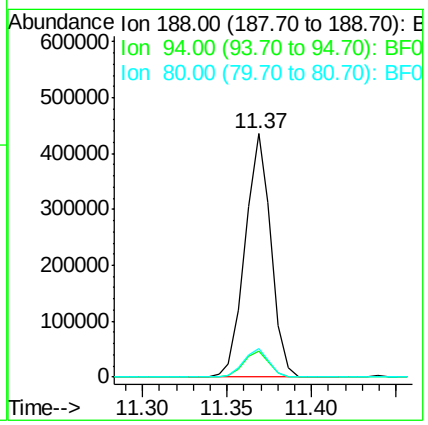


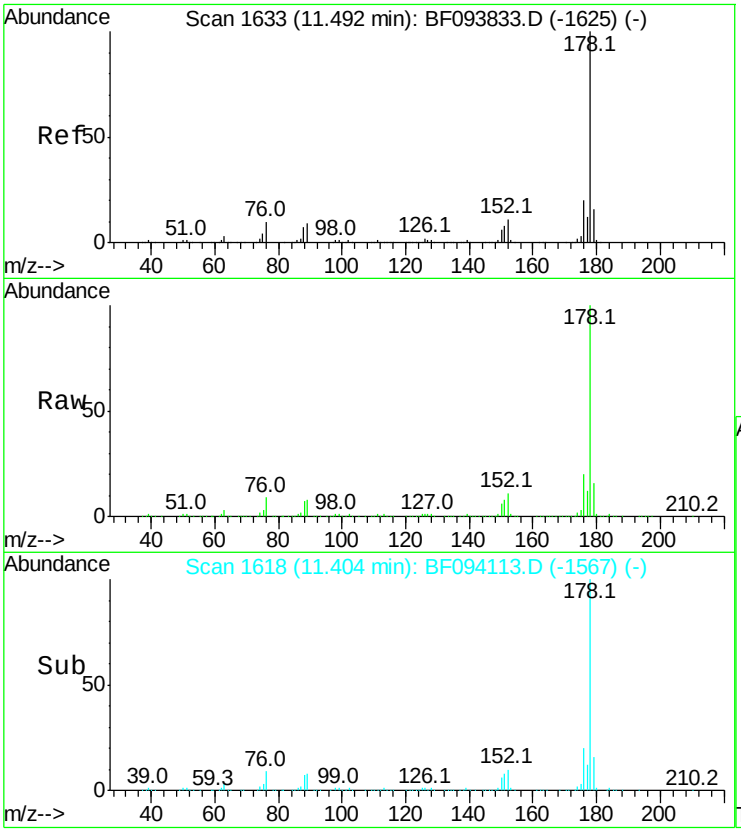


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:188 Resp: 464175

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.6	10.2	15.2



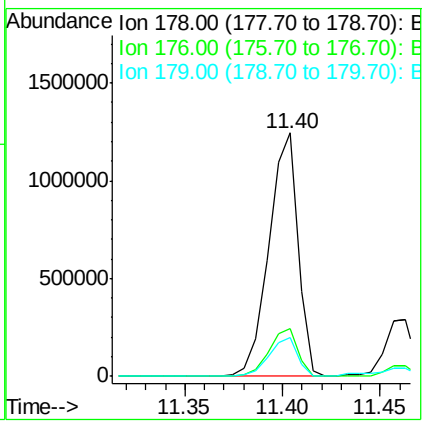


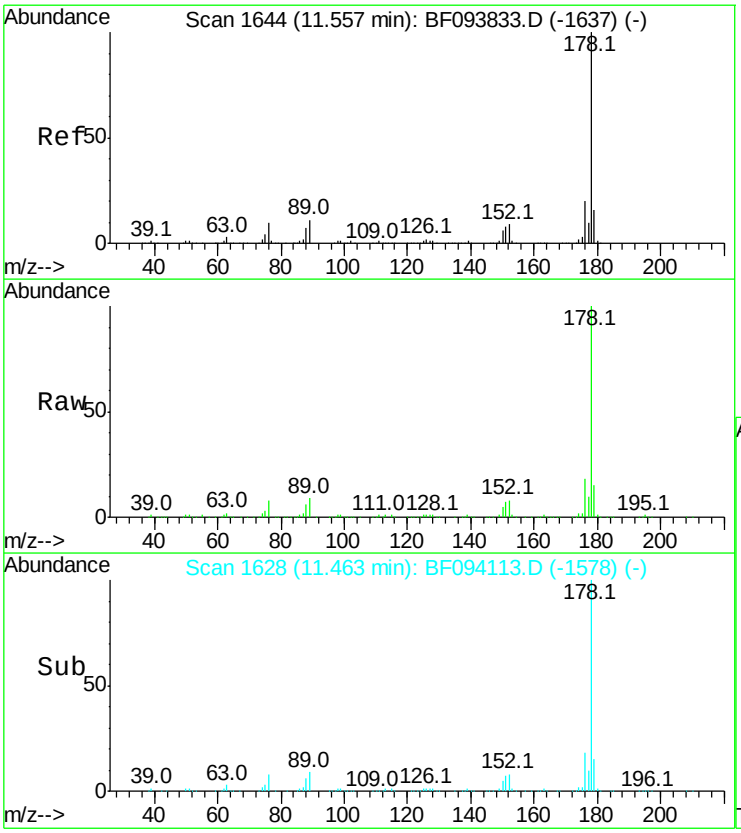
#70
Phenanthrene
Concen: 49.84 ng
RT: 11.40 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:178 Resp: 1286934

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.7	12.6	19.0

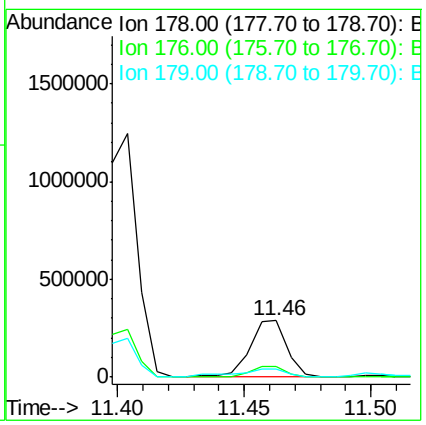


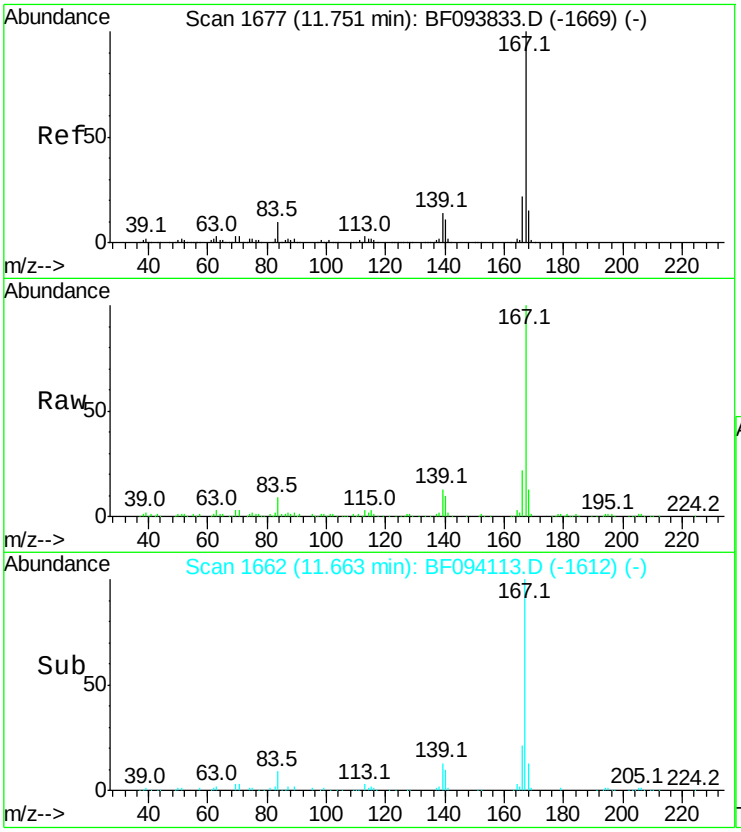


#71
Anthracene
Concen: 11.05 ng
RT: 11.46 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:178 Resp: 293855

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.8	12.7	19.1



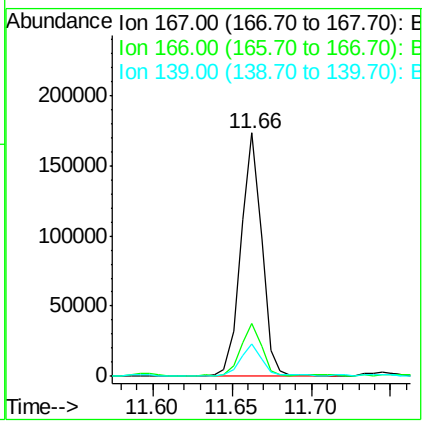


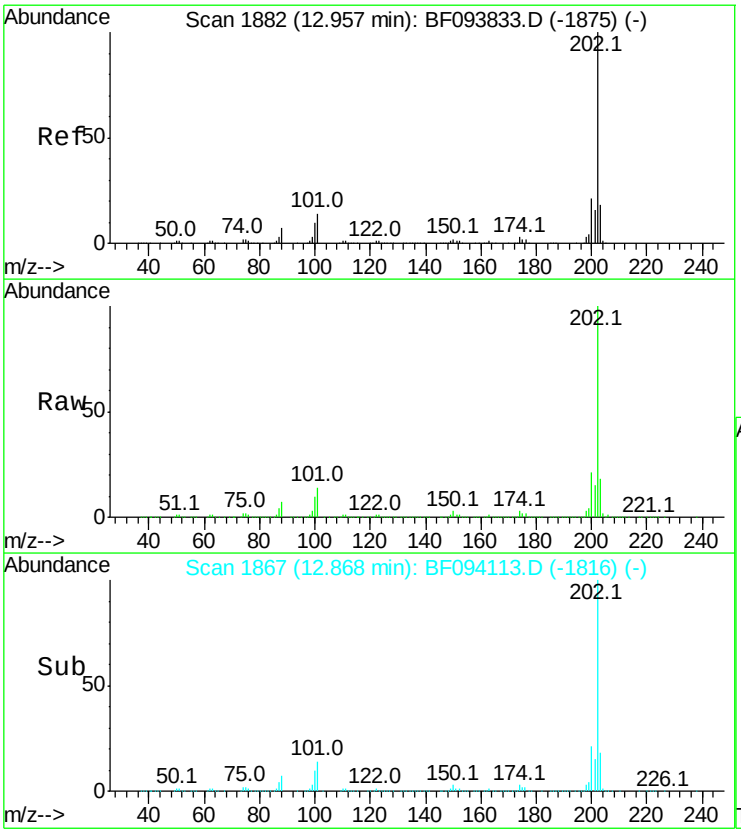
#72
Carbazole
Concen: 5.81 ng
RT: 11.66 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:167 Resp: 158415

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	13.3	11.7	17.5

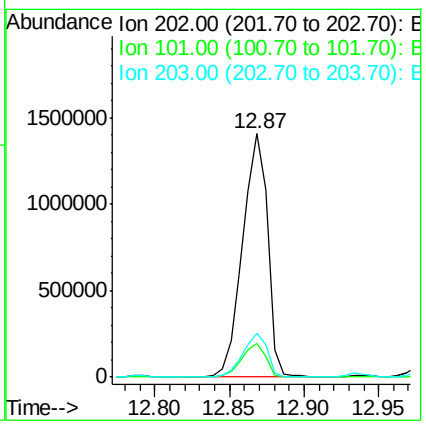


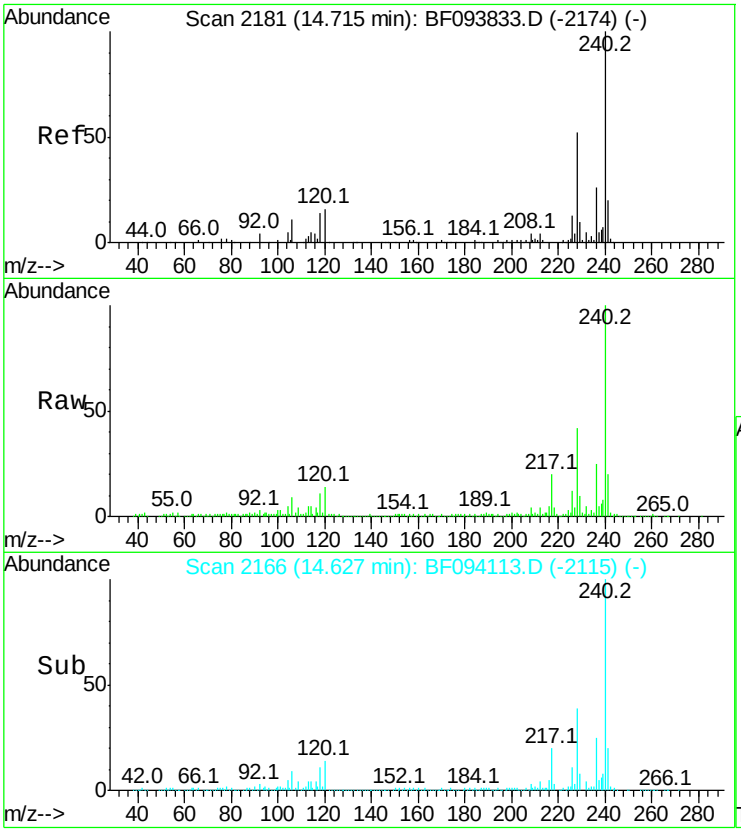


#74
Fluoranthene
Concen: 61.44 ng
RT: 12.87 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:202 Resp: 1624434

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	18.2	0.0	38.1



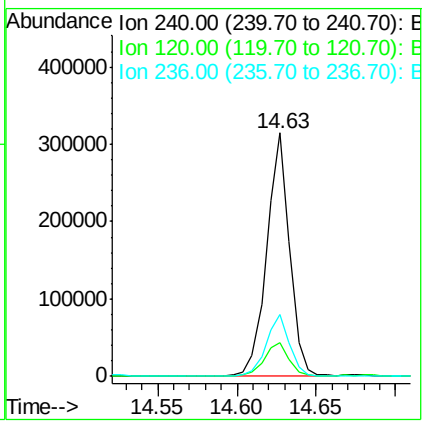


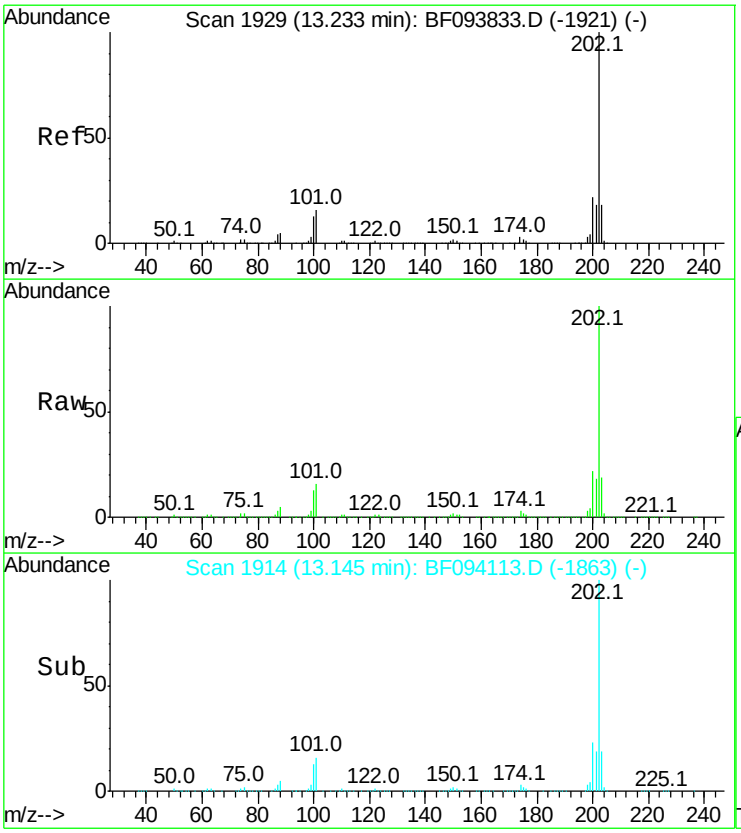
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:240 Resp: 317307

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.3	20.5	30.7

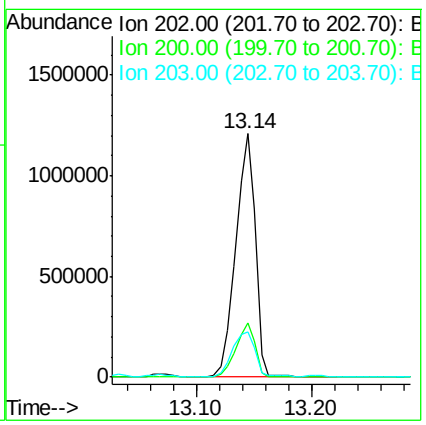


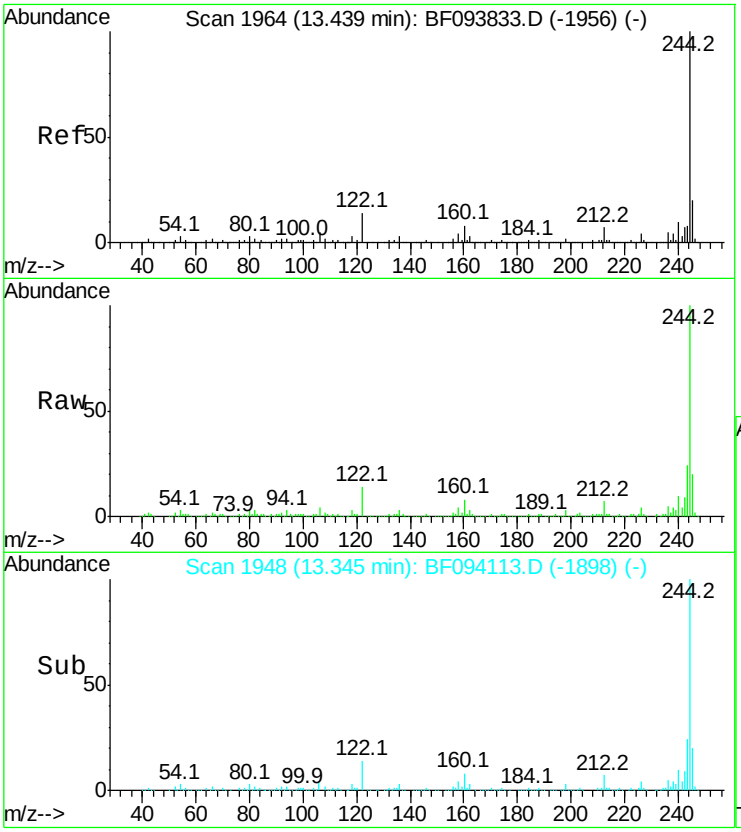


#77
Pyrene
Concen: 61.41 ng
RT: 13.14 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:202 Resp: 1414267

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.6	14.4	21.6



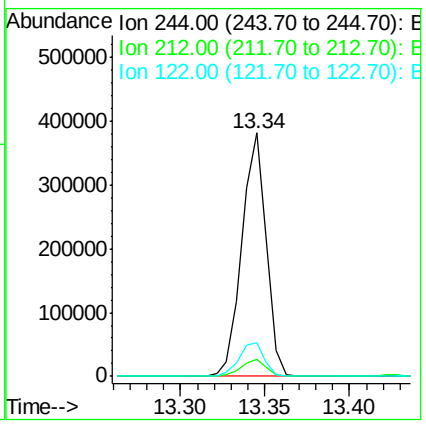


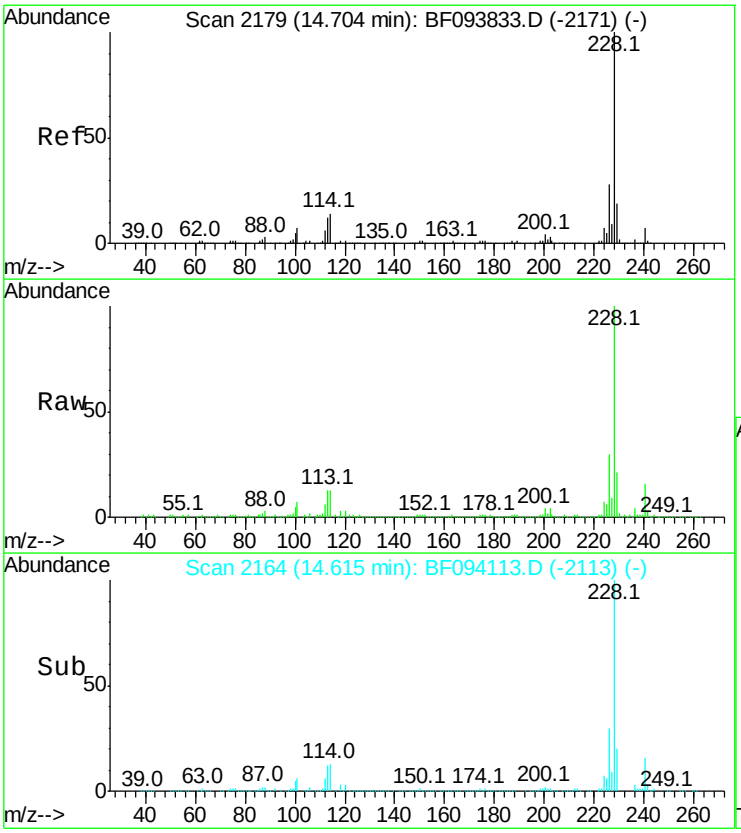
#78
Terphenyl-d14
Concen: 27.19 ng
RT: 13.34 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:244 Resp: 384947

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.8	10.3	15.5

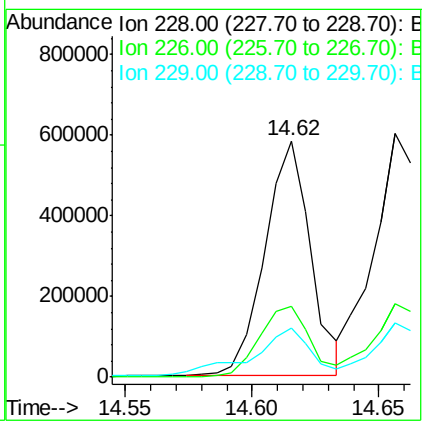


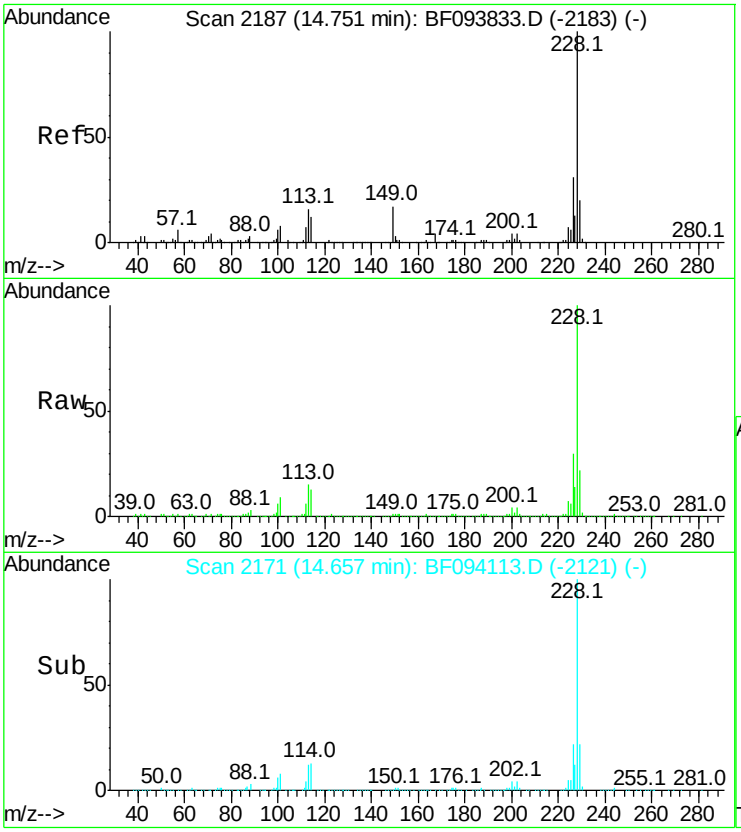


#80
Benzo(a)anthracene
Concen: 39.79 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:228 Resp: 736222

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.5	16.3	24.5



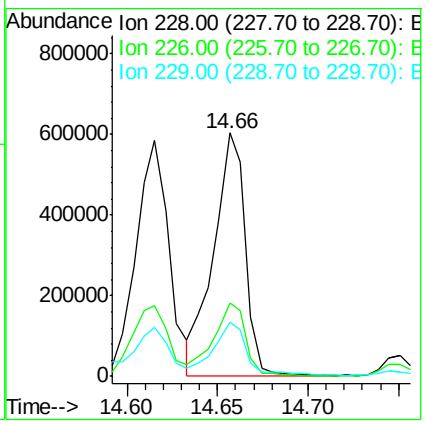


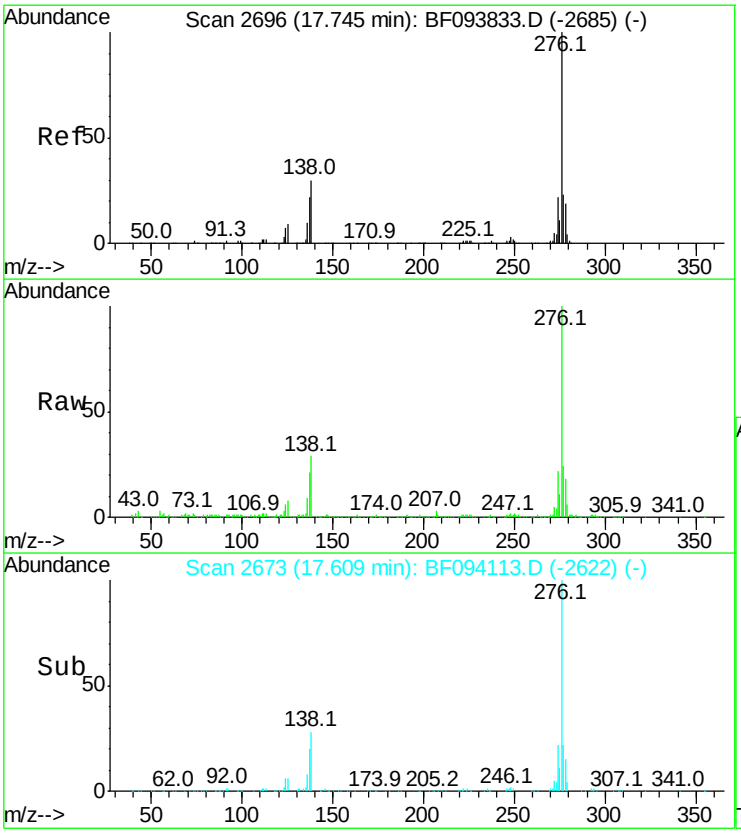
#82
Chrysene
Concen: 42.31 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:228 Resp: 726433

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	22.4	15.8	23.6

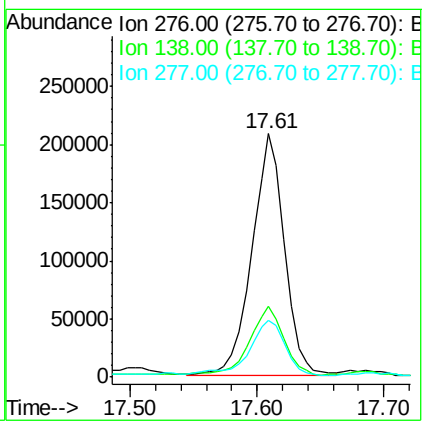


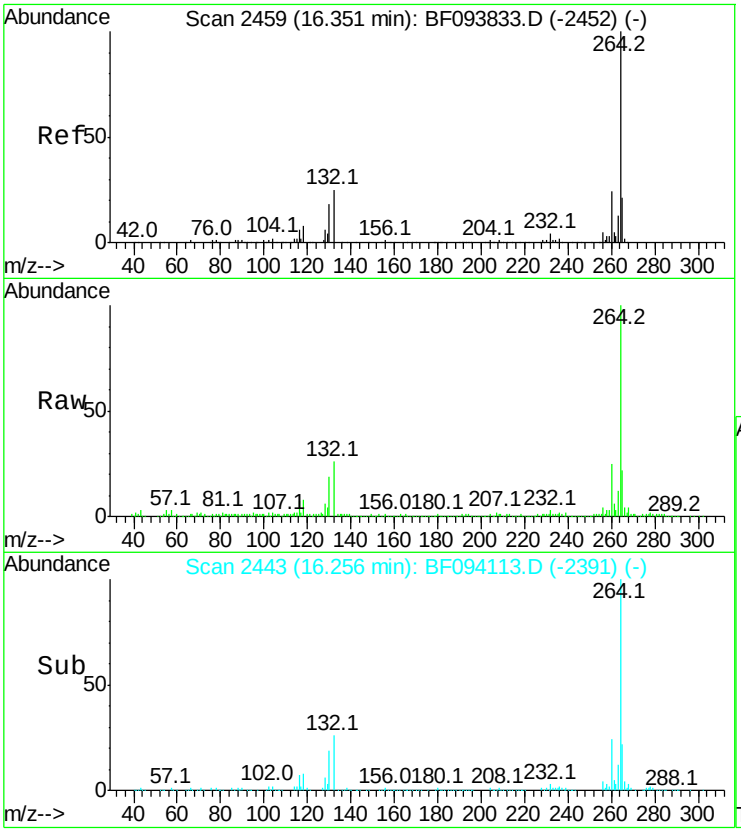


#85
Indeno(1,2,3-cd)pyrene
Concen: 25.08 ng
RT: 17.61 min Scan# 2673
Delta R.T. -0.00 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:276 Resp: 372949

Ion	Ratio	Lower	Upper
276	100		
138	29.0	27.8	41.6
277	25.0	20.2	30.4



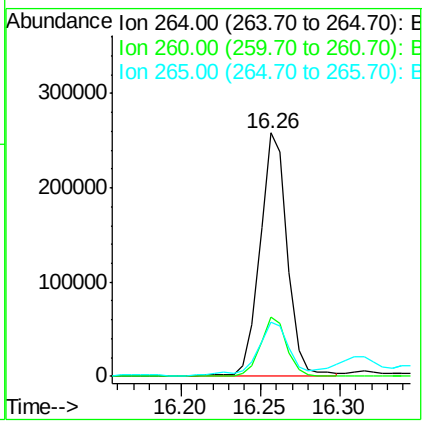


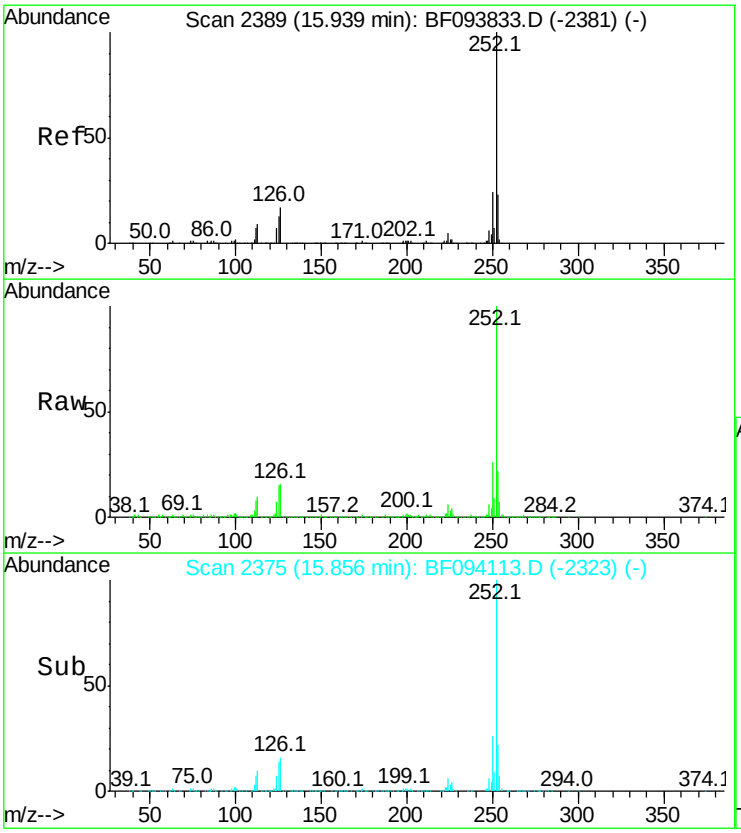
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:264 Resp: 310507

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.4	17.2	25.8

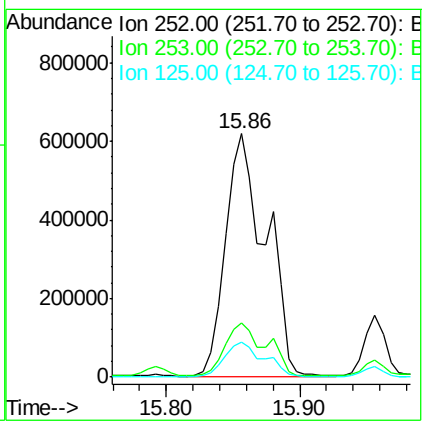


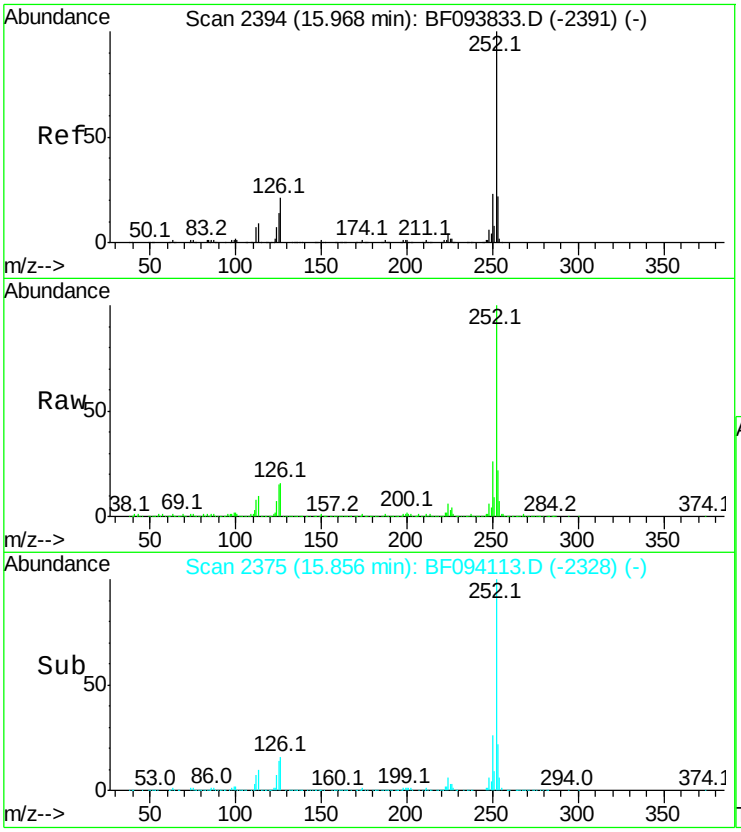


#87
Benzo(b)fluoranthene
Concen: 68.33 ng
RT: 15.86 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:252 Resp: 1300549

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.6	9.8	14.8



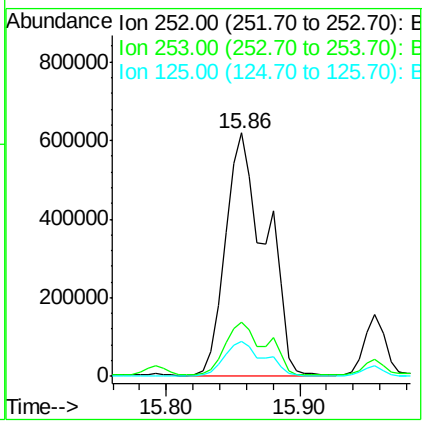


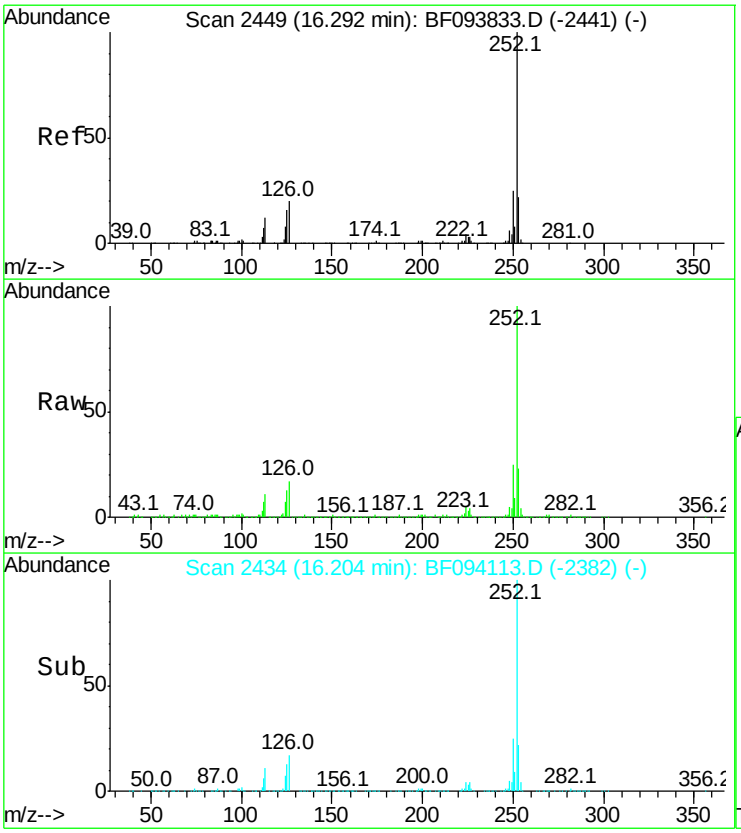
#88
Benzo(k)fluoranthene
Concen: 69.84 ng
RT: 15.86 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:252 Resp: 1300549

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	14.6	13.1	19.7

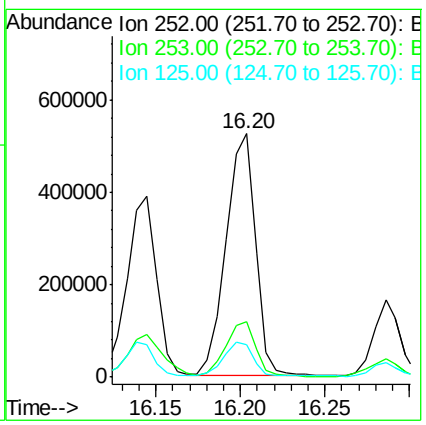


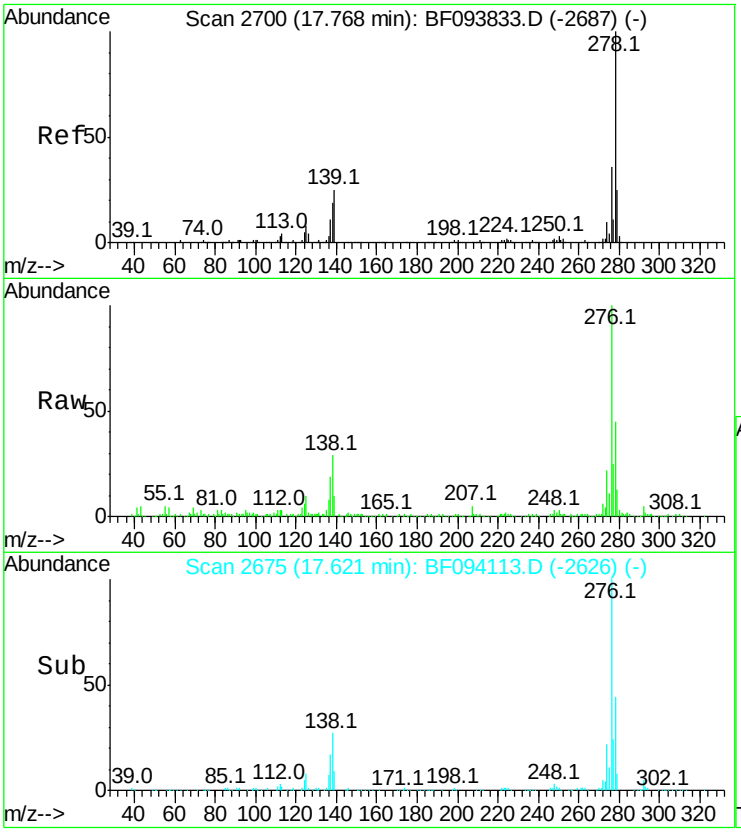


#89
Benzo(a)pyrene
Concen: 36.12 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:252 Resp: 633094

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.5	11.0	16.4



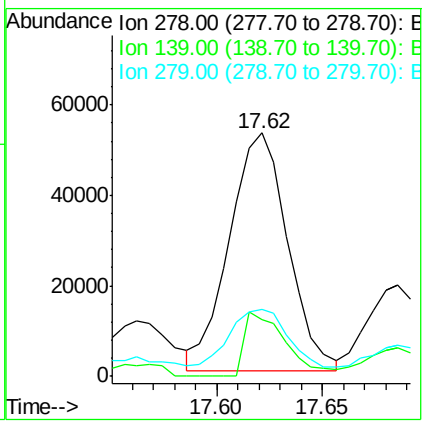


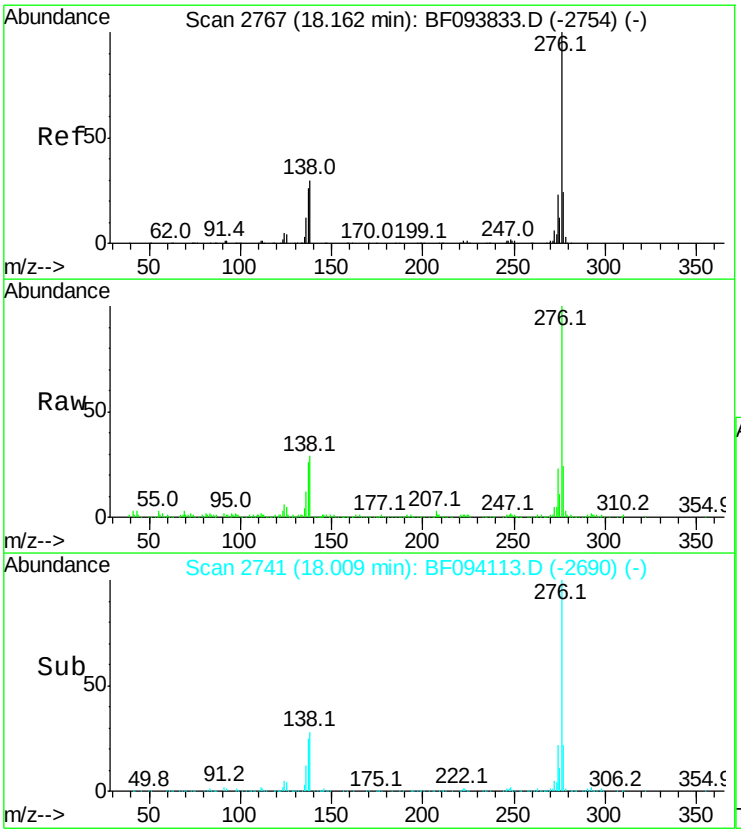
#90
Dibenzo(a,h)anthracene
Concen: 6.80 ng
RT: 17.62 min Scan# 2675
Delta R.T. -0.01 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Instrument :
BNA_F
ClientSampleId :
E2-Q-P-12-13-BASE

Tgt Ion:278 Resp: 101002

Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	27.6	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 21.52 ng
RT: 18.01 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BF094113.D
Acq: 1 Apr 2017 1:22

Tgt Ion:276 Resp: 321924

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	29.4	25.4	38.0